

Title (en)

METHOD AND DEVICE FOR FORMING A BRANCHED LOOM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM FORMEN EINES VERZWEIGTEN DRAHTBÜNDELS

Title (fr)

PROCEDE ET DISPOSITIF DE CONFORMATION D'UN FAISCEAU RAMIFIE

Publication

EP 0706725 B1 19970827 (FR)

Application

EP 94920498 A 19940621

Priority

- FR 9400750 W 19940621
- FR 9308161 A 19930628

Abstract (en)

[origin: WO9500989A1] A method and a device for forming wiring looms. The device for forming and joining together the branches (11, 12, 13) of a branched loom (10) of lengths of conductor wire (1, 4, 15) comprises two or more main co-linear conveyors (18, 26) with a common longitudinal axis (XX1). Each of said main conveyors moves wire end group carriers in two opposite directions. Said device comprises at least one joining apparatus adjacent one of said conveyors, and a unit for changing the order of wire end group carriers along said axis (XX1). Said device further comprises a two-way transfer unit for transferring the wire end group carriers from one of said main conveyors to the other, and a unit for separately controlling and monitoring the movement of said conveyors over predetermined distances. The method and device may be used to produce wiring looms.

IPC 1-7

H01R 43/28

IPC 8 full level

H01B 13/012 (2006.01); **H01R 43/28** (2006.01)

CPC (source: EP US)

H01R 43/28 (2013.01 - EP US); **Y10T 29/53243** (2015.01 - EP US)

Cited by

WO2024126709A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

WO 9500989 A1 19950105; DE 69405241 D1 19971002; DE 69405241 T2 19980129; EP 0706725 A1 19960417; EP 0706725 B1 19970827; ES 2109001 T3 19980101; FR 2707828 A1 19950120; FR 2707828 B1 19951110; JP 3609408 B2 20050112; JP H09501258 A 19970204; US 5732750 A 19980331

DOCDB simple family (application)

FR 9400750 W 19940621; DE 69405241 T 19940621; EP 94920498 A 19940621; ES 94920498 T 19940621; FR 9308161 A 19930628; JP 50251495 A 19940621; US 56429796 A 19960412